

ABSTRACT

An irradiating direction control apparatus includes an identifier for determining a difference in a load state of the vehicle corresponding to a passenger or carrying capacity. In
5 an initialization performed to eliminate influence of an installation error of a vehicle height detector, a storage device stores data indicative of the installation error, based on a difference between a reference vehicle height corresponding to a load state of the vehicle determined by the identifier, and
10 an actual vehicle height. Then, an irradiation controller obtains the attitude of the vehicle from vehicle height data corrected by using data stored in the storage device for vehicle height detection data, and controls a direction of an optical axis of irradiation of a lighting unit. The reference vehicle
15 height value is changed corresponding to the vehicle load state in initialization, thereby reducing a control error related to the correction of the optical axis of irradiation.